

# AUTOMATIC DOOR RANGE

## COMFORT FOR CONNECTED PEOPLE



# AUTOMATIC SOLUTIONS FOR ANY SITUATION

## Setting new standards

Since 1961 we have led the industry in setting new standards in door automation. High quality Swiss design and innovation combined with a meticulous eye for detail means our door systems offer unrivalled performance, durability, functionality and style.

Our automatic doors are designed, manufactured and installed to EN16005 guidelines. Engineers are professionally trained and certified to work on customers equipment and we consistently follow ISO9001 quality standards.

## Key advantages

- **Accessibility** - Meets Part M of Building Regulations and requirements of the Equality Act
- **Safety** - Compliant to BS EN 16005 regulations
- **Energy efficiency** - Reduced energy loss
- **Improved pedestrian traffic flow**
- **Improved hygiene** - Contact free operation / reducing the spread of germs
- **Convenient for every user**
- **Appearance** - Creating the right impression for visitors and staff

We know that everyones needs are different which is why we offer an extensive range of tailored systems that will suit any building design. Whether you need just a single door system or lots of different doors, our knowledgeable specialists are on hand to give you the right advice. Our automatic door range provides a solution to every challenge.



### Sliding Door Systems

Our sliding door systems are available in a wide range of configurations to suit the functional and design needs of any application. From single and bi-parting doors to telescopic doors, fire protected doors, thermally insulated doors, burglar resistant doors or solutions for escape routes. We have the answer.



### Curved Sliding Door Systems

The most aesthetically pleasing and impressive choice for design conscious environments. The Gilgen SRM Curved Sliding Door is available in various configurations including concave or convex orientation or as a 180° or 360° porch system.



### Swing Door Systems

Our swing door operators can automate most types of doors up to 250kg and are suitable for powering new or existing door sets. Our innovative swing door operator combines style, powerful performance, and is also suitable for use with Fire Doors.



### Folding Door Systems

If you have limited space then automatic folding doors are the perfect solution. Restricted door widths and narrow corridors, in places like convenience stores and hospitals require an entrance that doesn't impact on space.



### Technical Specification

Are you looking for a new door system, or a safety concept? We can take on the planning, and of course the corresponding responsibility for ensuring that you are satisfied with the final result.



### Service & Support

Consultation. Planning. Development. Deployment. Maintenance. Upgrades. Customer service covers many aspects, and Gilgen Door Systems offers you complete life-cycle management from A to Z. We are happy to be there for you.



# AUTOMATIC SLIDING DOORS STANDARD

Gilgen sliding-door systems offer high levels of convenience, hygiene, accessibility and design, along with improved control of pedestrian traffic. They add an attractive designer touch to any entrance or access point.



## Key advantages

- Single leaf and bi-parting sliding doors
- Two and four leaf telescopic sliding doors
- With side panel
- With glazed overhead panel
- With protection leaf
- The best combination for widespread and reliable use





# AUTOMATIC SLIDING DOORS DESIGN

An architect's design for a building determines how that building is going to be used. So whether your construction project involves futuristic all glass structures, elegant glass details in low profile frames or innovatively layered glass elements – doors, gates and sliding walls supplied by Gilgen Door Systems all blend seamlessly into the overall architectural design.

## **Frameless**

All glass sliding doors from Gilgen Door Systems are a convincing choice, thanks to their aesthetically pleasing design, high quality and modern appearance. They offer full transparency, unencumbered by frames or other obstacles, with outstanding features that are sure to delight anyone visiting your finished construction project.



## **Layered glass**

The automatic sliding door from Gilgen Door Systems offers an impressive look in its layered glass variant. This sliding door with layered glass fulfills the needs of the client and architect alike in terms of modern, inviting design.



## **Slim frame**

The low profile frames used by Gilgen Door Systems are an inspiring design feature. Increased robustness and improved thermal insulation, combined with simpler and less expensive maintenance, constitute a clear set of advantages that make our low profile frame design the ideal solution for your project.









# AUTOMATIC SLIDING DOORS

## ENERGY EFFICIENCY

Gilgen Door Systems is your partner when it comes to a positive energy balance. Room temperature can be kept constant thanks to thermal closure, energy-saving operation and smart door solutions - regardless of how many visitors come and go or how hot or cold it is outside.



### Key advantages

- System U-Values as low as 1.1
- Reduces building energy loss
- Improves sound insulation
- Stylish appearance
- Powerful drive system
- Independantly tested for energy efficiency,
- Wind resistance and air permeability
- Tested to RC2 security standard

The Gilgen energy saving door has been thoroughly tested and certified by ift Rosenheim and TÜV Nord to provide class leading U-values, air permeability, wind and rain resistance. It is designed to provide reliable long term operation even in the toughest of environments.







# AUTOMATIC SLIDING DOORS

## BURGLAR RESISTANCE

Doors are not just heat retaining elements; they also help to prevent break-ins. Reinforced automatic doors can be securely locked and programmed to operate in manual mode only outside normal business hours.



### Key advantages

- Fulfills British break-in prevention standards: PAS24:2016 and LPS2081, LPS1175, Class SR1 and SR2
- The most comprehensive glass sliding door to achieve Secured by Design status
- Fulfills European break-in prevention standards: EN 1627 - EN 1630

The specification of the Gilgen high security sliding door is specifically designed to target hardening of high risk buildings, helping reduce potential losses and lower insurance premiums. Break in prevention includes reinforced safety glass, in head locking, multipoint locking along the door profile and flush bottom guide rails to prevent attempts at levering out door leaves.







# AUTOMATIC SLIDING DOORS

## HERMETICALLY SEALED

Designed for maximum hygiene and sound insulation. Gilgen Door Systems supplies hermetic door solutions designed to improve hygiene, protect the environment and raise quality standards, particularly in terms of noise penetration. Our solutions are used in a wide range of settings, including for example, hospitals, doctors' surgeries, technical cleanrooms and wherever absolute impermeability is a vital requirement.



### Key advantages

- Patented pivoting door mechanism
- Designed for sensitive environments
- High levels of hygiene
- High levels of acoustic attenuation
- Optional lead doors up to 3mm thickness
- Optional full glass door leaves
- Air permeability rated to Class 2
- Sound insulation rated to 32dB

Hospitals, clean rooms, pharmaceutical production areas and other sensitive environments require high levels of hygiene and environmental conditioning. Our patented SLX-D hermetic sliding door system automatically seals rooms, preventing the unwanted exchange of air, foreign particles and other impurities. When the door is closing, the pivoting mechanism in the drive unit causes the door leaf to be lowered and pressed against the door frame. This lowering movement together with gaskets provide the door with a hermetic seal.







# AUTOMATIC SLIDING DOORS

## ESCAPE ROUTE SOLUTIONS

Just as we require convenient access to buildings and rooms, we also need a reliable way of getting out fast in the event of an emergency. These automatic doors can fulfil emergency exit requirements in various ways.



### Key advantages

- TUV tested
- Suitable for fire escape routes
- Ideal for creating large openings

On a day-to-day basis the break-out door opens reliably to provide trouble free access. However, in the event of an emergency, the system can also be opened manually to allow people to escape. The door leaves are hinged so they can be swivelled outwards which provides a wide escape route and access point for emergency services. The break-out system also provides the advantage of a wide access point enabling easy transport of vehicles or other bulky items. This is ideal in summer months and for corporate events, at garages, shopping centres and other facilities.











# CURVED SLIDING DOOR CIRCULAR DESIGN

Gilgen curved sliding doors integrate harmoniously into any architectural design. Thanks to their wide range of configuration possibilities. Gilgen curved sliding doors add an individual and exclusive designer touch to any building entrance. Whether you go for the 360° or 180° version or a sliding door with customised curvature, a corresponding range of equipment, carefully matched colours and project specific adaptation all complement the design characteristics of the building entrance



## Key advantages

- Highly impressive design
- More accessible than a revolving door
- Convex or concave shapes for a perfect fit
- 180° or 360° self supporting porch models
- Range of materials / finish
- Maximises entrance width efficiently

Curved doors are available in any convex or concave shape to guarantee a perfect fit into your existing architecture. Optional 180° and 360° self supporting porch configurations allow the Gilgen SRM to be matched to different building facades, including refurbishments. You can even choose from a range of materials, colours, glazing and anodised finishes to ensure the entrance system suits your building design perfectly.



# SWING DOOR DRIVE

## POWER AND VERSATILITY SWING INTO ACTION

The Gilgen Swing Door Drive is the most powerful, versatile and stylish swing door operator we have ever made and provides world class standards of performance and reliability. It's designed for the automation of new or existing doors up to 250 kg in weight and can also automate external doors facing wind loads of up to 50mph. Due to its strength and Swiss quality the FD 20 is ideally suited to intensive operations such as hospitals, schools and transport hubs.



### Key advantages

- Single and double door arrangements
- Emergency exit function
- Fire safety function
- Special solutions
- Suitable for use on fire doors
- TÜV Tested
- EN16005, DIN18650 compliance
- Intelligent wind load compensation for windy locations

Gilgen swing door drive units are ideal for new installations or building upgrades. Lightweight doors, external doors and even fire doors can be automated with ease.











# AUTOMATIC FOLDING DOORS

## WHERE SPACE IS AT A PREMIUM

Where corridors are narrow and door widths restricted it is even more important to provide safe, easy and convenient access through an automatic door. The Gilgen folding door system is designed to provide the perfect solution where easy access is required within limited space environments. Easily installed to most door ways, even in existing buildings, Gilgen FFM maximises the possible clearance width when the door leaves are open.



### Key advantages

- Versatility suited to intensive applications
- Clear opening width up to 1600mm
- Optional insulated glass or safety glass
- Choice of locking mechanisms
- Wide range of control modules
- Bespoke finishes and glass treatments

The folding design saves space. Gilgen folding-wing doors offer you maximum access widths with minimal system dimensions.

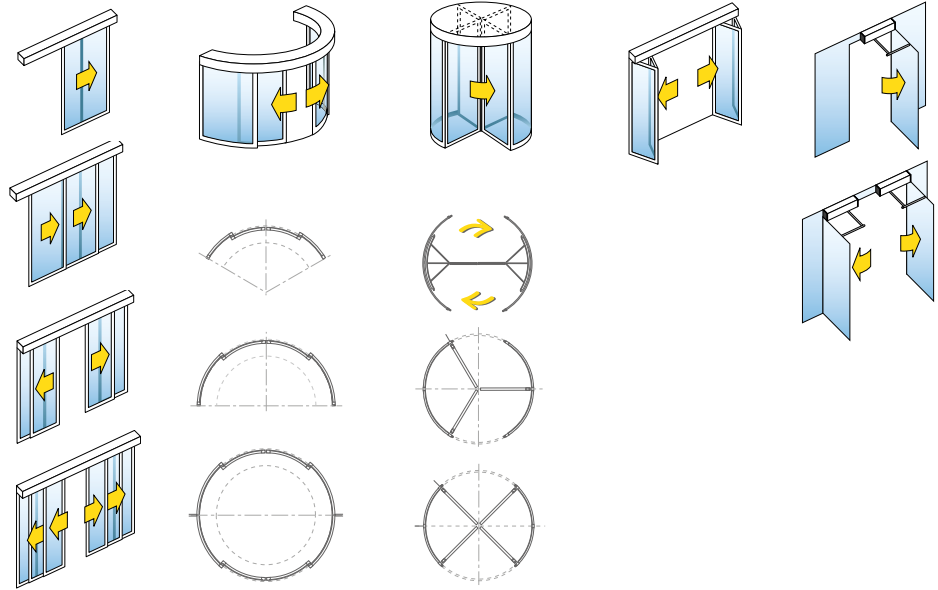






# TECHNICAL SPECIFICATION FOR PLANNING

- Ideal
- Suitable
- Suitable under certain conditions



|  | Sliding doors                              | Curved sliding doors | Revolving doors | Folding-wing doors | Swing doors                      |
|--|--|----------------------|-----------------|--------------------|----------------------------------|
| <b>Optimum pedestrian-flows</b>                  |  |                      |                 |                    |                                  |
| User-friendly, barrier-free construction         | ●●●  | ●●●                  | ●●              | ●●                 | ●●                               |
| High frequency, flexibility                      | ●●●  | ●●●                  | ●●              | ●●                 | ●●                               |
| Subsequent automation                            |  |                      |                 |                    | ●●●                              |
| <b>Design and creativity</b>                     |  |                      |                 |                    |                                  |
| Style, presence, material                        | ●●   | ●●●                  | ●●●             | ●                  | ●                                |
| Transparent configuration                        | ●●●  | ●●                   | ●●              | ●●                 | ●●                               |
| The dynamic element                              | ●●●  | ●●●                  | ●●●             | ●                  | ●                                |
| <b>Functions and added value</b>                 |  |                      |                 |                    |                                  |
| Fire prevention                                  |  |                      |                 |                    | ●●●                              |
| Emergency exit/rescue access                     | ●●●  | ●●                   | ●●              | ●●                 | ●●●                              |
| Smoke control                                    |  |                      |                 |                    |                                  |
| Stops/reduces draughts                           | ●●   | ●●                   | ●●●             | ●                  | ●                                |
| <b>Access, safety, security and organisation</b> |  |                      |                 |                    |                                  |
| Property protection, locking                     | ●●●  | ●●●                  | ●●●             | ●●                 | ●●●                              |
| User protection                                  | ●●●  | ●●●                  | ●●              | ●●                 | ●●                               |
| <b>Installation dimensions</b>                   |  |                      |                 |                    |                                  |
| Access width                                     | 800 - 4000 mm                              | 1000 - 2600 mm       | 2000 - 4800 mm  | 800 - 1600 mm      | 700 - 2800 mm                    |
| Weight of door wing                              | max. 2 x 150 kg<br>1 x 150 kg<br>4 x 60 kg | max. 2 x 120 kg      |                 | 2 x 70 kg          | 250 kg<br>Depending on wing size |



# SERVICE & SUPPORT FOR ALL TYPES AND MAKES OF DOOR

As well as a leading manufacturer of automatic doors, Gilgen Door Systems provide a comprehensive range of flexible service plans to ensure our customers doors remain safe, efficient and reliable. With 50 years of experience maintaining all types and makes of doors and one of the best equipped service teams in the country we are ideally placed to support you.



Working to ISO9001 quality standards and as a member of the Automatic Door Suppliers Association (ADSA), Safe Contractor, CHAS and Constructionline, Gilgen Door Systems are constantly driving standards ever higher. Our national team of professional door engineers are expertly trained and equipped to install, maintain and repair doors to the highest quality standards. Automatic Doors for pedestrian use are installed and maintained to BS EN16005 and BS7036 standards, whilst industrial doors meet the requirements of BS EN13241.





